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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application No. 10/757,715, Filed 1/13/04  
Inventor(s): Chien-Min Sung  
**HIGH PRESSURE SPLIT DIE AND ASSOCIATED METHODS**  
Attorney Docket No. 22390

Dear Sir/Madam:

Transmitted herewith for filing and pursuant to 37 C.F.R. §§ 1.56 and 1.97 is an Information Disclosure Statement.

Enclosed also are the following designated documents, as required under 37 C.F.R. §§ 1.97 and 1.98:

- ☒ Form PTO-1449 list of 23 reference(s) submitted for consideration.
- ☒ Legible copies of the listed references or their relevant portions.
- ☐ All English translations of each non-English reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. § 1.98(c)).

The following are included within the Information Disclosure Statement if applicable and as required under 37 C.F.R. § 1.98:

- ☐ Concise explanation of relevance of each reference not in English and unaccompanied by an English translation.
- ☐ Statement that certain listed references not enclosed are substantially cumulative of an enclosed reference.
- ☐ Statement that certain listed references not enclosed were previously cited by or submitted to the Office in the identified prior application which is relied upon for an earlier filing date under 35 U.S.C. § 120.

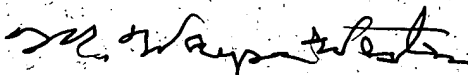
In order to secure consideration of the items designated above, one or more of the following, if required, is also enclosed:

- ☐ Statement under 37 C.F.R. § 1.97(e)(1) or (2).
- ☐ Check No. \_\_\_\_\_ in the amount of \$180.00 (amount in § 1.17(p)) constituting the submission fee set forth in 37 C.F.R. § 1.17(p).

In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that the Statement meets the requirements of 37 C.F.R. § 1.97(e), or in any other event remediable by a fee, please credit any over payment or charge any additional fees to Deposit Account No. 20-0100 of the undersigned:

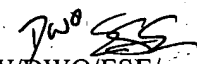
Dated this 22 day of April, 2004.

Respectfully submitted,



M. Wayne Western  
Attorney for Applicant  
Registration No. 22,788

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Customer No. 20,551  
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MWW/DWO/ESE/em  
Enclosures



IN THE UNITED STATES PATENT & TRADEMARKS OFFICE

APPLICANT: Chien-Min Sung  
SERIAL NO.: 10/757,715  
FILED: 1/13/04  
FOR: HIGH PRESSURE SPLIT DIE AND  
ASSOCIATED METHODS  
ATTORNEY DOCKET NO. 22390

INFORMATION DISCLOSURE  
STATEMENT UNDER

37 C.F.R. § 1.97

CERTIFICATE OF MAILING  
UNDER 37 C.F.R. § 1.8

DATE OF DEPOSIT: 4/22/04

I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Name: Emily Mehan

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully submits that this Information Disclosure Statement is filed pursuant to:

☒ 37 C.F.R. § 1.97 (b)(1) or (3), within three months of the filing date of the application, or before a first office action on the merits, whichever occurs last;

☐ 37 C.F.R. § 1.97 (c), after a first office action on the merits, but before a Final Office Action or a Notice of Allowance, whichever occurs first, and is accompanied by either 1) a statement in accordance with 37 C.F.R. § 1.97(e), or 2) the fee set forth in § 1.17(p); or

☐ 37 C.F.R. § 1.97 (d), after a Final Office Action or Notice of Allowance, whichever occurs first, but on or before payment of the issue fee, and is accompanied by both 1) a statement in accordance with 37 C.F.R. § 1.97(e), and 2) the fee set forth in § 1.17(p).

While no representation is made that any of these references may be "prior art" within the meaning of that term in accordance with 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each listed reference (or relevant portion thereof) which was not previously submitted to, or cited by, the Patent Office is also enclosed.

For all listed references that are not either in the English language, or accompanied by a translation into English, a concise explanation of relevance as required under 37 C.F.R. § 1.98(a)(3) is enclosed attached to each.

Please charge any additional fees or credit any overpayment to Deposit Account No. 20-0100.

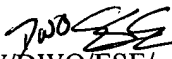
Dated this 22 day of April, 2004.

Respectfully submitted,



M. Wayne Western  
Attorney for Applicant  
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PTO-1449

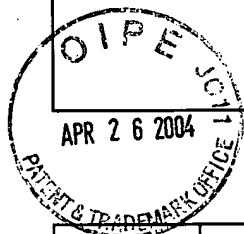
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
22390SERIAL NO.  
10/757,715

## LIST OF PRIOR ART CITED BY APPLICANT

APPLICANT Chien-Min Sung

FILING DATE  
1/13/04

GROUP



## U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	2,941,247	06/21/1960	F.P. Bundy			
	A2	2,942,248	06/21/1960	H.T. Hall			
	A3	2,947,610	08/02/1960	H.T. Hall et al.			
	A4	3,030,661	04/24/1962	H.M. Strong			
	A5	3,031,269	04/24/1962	H.P. Bovenkerk			
	A6	3,075,245	01/29/1963	F.P. Bundy			
	A7	3,084,388	04/09/1963	C. Ballhausen			
	A8	3,088,169	05/07/1963	R.H. Wentorf, Jr.			
	A9	3,137,896	06/23/1964	W.B. Daniels			
	A10	3,159,876	12/08/1964	H.T. Hall			
	A11	3,179,979	04/27/1965	F.P. Bundy et al.			
	A12	3,271,502	09/06/1966	R.H. Wentorf, Jr.			
	A13	3,332,747	07/25/1967	F.P. Bundy			
	A14	3,365,751	01/30/1968	Hiroshi Ishizuka			
	A15	3,488,153	01/06/1970	F.P. Bundy			
	A16	3,492,695	02/03/1970	Tatsuo Kuratomi			
	A17	3,529,324	09/22/1970	Naoto Kawai			
	A18	3,695,797	10/03/1972	Bakul et al.			
	A19	3,914,078	10/21/1975	Kendall			
	A20	4,302,168	11/24/1981	Khvostantsev			
	A21	4,740,147	04/26/1988	Asari et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 22390	SERIAL NO. 10/757,715
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT Chien-Min Sung	
		FILING DATE 1/13/04	GROUP

## OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

	A22	Hall, H. Tracy, "High Pressure-Temperature Apparatus," CONFERENCE ON METALLURGY AT HIGH PRESSURE, Chapter 4, 1964.
	A23	Sung, Chien-Min, "A Century of Progress in the Development of Very High Pressure Apparatus for Scientific Research and Diamond Synthesis," HIGH TEMPERATURES - HIGH PRESSURES, 1997, Vol. 29, pages 253-293.
EXAMINER		DATE CONSIDERED
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.</p>		